

10/565378

JAP15 Rec'd PCT/PTO 23 JAN 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Toshiyuki ASAHI et al. : Mail Stop: PCT

Serial No. NEW : Attorney Docket No. 2006\_0040A

Filed January 23, 2006 :

WIRING BOARD EMBEDDED WITH  
SPHERICAL SEMICONDUCTOR ELEMENT  
[Corresponding to PCT/JP2004/010756  
Filed July 22, 2004]

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

[X] each U.S. Patent and U.S. Patent application publication;

[ ] each reference previously cited in the international application PCT/\_\_\_\_\_;  
and/or

[ ] each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

ATTACHMENT "C"

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b.  This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

- (1)  the certification of paragraph 2 below is provided, **or**
- (2)  the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c.  This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a.  that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b.  that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

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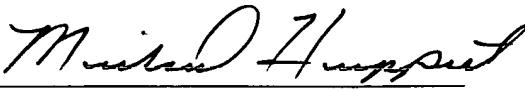
3.  Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
  - a.  a full or partial English language translation submitted herewith,
  - b.  a foreign patent office search report (in the English language) submitted herewith,
  - c.  the concise explanation contained in the specification of the present application at pages 7, 46 and 86,
  - d.  the concise explanation set forth in the attached English language abstract,
  - e.  the concise explanation set forth below or on a separate sheet attached to the reference:

**U.S. Patent No. 6,038,133 corresponds to JP 11-220262.**

5.  A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Toshiyuki ASAHI et al.

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January 23, 2006

Sheet 1 of 1							
				INFORMATION DISCLOSURE STATEMENT			
FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO. 2006_0040A		SERIAL NO. NEW		10/565378
			APPLICANT Toshiyuki ASAHI et al.				
			FILING DATE January 23, 2006			GROUP	
Date Submitted to PTO: January 23, 2006							
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,955,776	9/1999	Ishikawa			
	AB	6,004,396	12/1999	Ishikawa			
	AC	6,038,133	3/2000	Nakatani et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	2003-60113	2/2003	JP			Abstract
	AK	2002-289767	10/2002	JP			Abstract
	AL	2000-349227	12/2000	JP			Abstract
	AM	11-220262	8/1999	JP			Abstract
	AN	2000-349224	12/2000	JP			Abstract
	AO	2000-216335	8/2000	JP			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AP						
	AQ						
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.